



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) App. No.: 09/105,705
:)
Thomas Jokerst) Filing Date: 06/26/1998
:)
) Our File Reference: 54172/4913
For: RETURN PATH NOISE REDUCER:) Examiner: Justin P. Bettendorf
:)
:) Group Art Unit: 2743

Commissioner of Patents and Trademarks
Washington D.C. 20231

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Applicant hereby responds to the Office Action mailed February 27, 2002 in connection with the referenced application. The Examiner is respectfully requested to consider the following amendments and remarks.

AMENDMENTS

Please amend the specification as follows:

1. Please replace the first full paragraph on page 6, lines 9-15, with the following paragraph to correct a typographical error:

In addition to attenuating RF signals, another problem which has developed is the effects of drop passive devices such as splitters and couplers that have ferrite transformers "magnetized" due to current flow in the ground path as fully set forth in the position paper of Scientific Atlanta on Drop Passive Non-Linearity created on or about April 6, 1998, the disclosure of which is expressly incorporated herein by reference. The filter of the present invention tends to correct the effects of the ferrite magnetization when such magnetization is caused by impulsive or surge current in the ground path.

2. Please replace the second full paragraph on page 9, lines 9-20, with the following paragraph:

Secured in the housing interior 14 is a toroid or toroid form 22 consisting of type 77 ferrite material or similar performing material. The toroid may be of any suitable ferrite material to accomplish the attenuation of the frequencies of interest. In the preferred embodiment of the invention, the toroid form 22 is secured in the housing interior 14 by an